



# CONSTRUCTION EQUIPMENT

SPM578994 AMG SENNEBOGEN 835M 835.0.2002 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP422574  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM578994 AMG



## SAMPLE INFORMATION

Sample Number	<b>VCP422574</b>	VCP406714	VCP328726	---
Sample Date	<b>07 Jul 2023</b>	14 Apr 2023	30 Aug 2021	---
Machine Hours	<b>8436</b>	13746	8073	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Changd</b>	Not Changd	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**ALTA EQUIPMENT CO - ORLAND PARK**  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>197</b>	192	138	---
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## CONTAMINATION

Silicon	ppm	<b>19</b>	18	6	---
Sodium	ppm	<b>0</b>	1	3	---
Potassium	ppm	<b>0</b>	1	3	---



## WEAR METALS

Iron	ppm	<b>109</b>	94	74	---
Copper	ppm	<b>13</b>	12	12	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>0</b>	0	<1	---
Aluminum	ppm	<b>2</b>	2	4	---
Chromium	ppm	<b>&lt;1</b>	<1	<1	---
Molybdenum	ppm	<b>1</b>	1	<1	---
Nickel	ppm	<b>0</b>	0	<1	---
Titanium	ppm	<b>&lt;1</b>	<1	<1	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>2</b>	2	1	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>2030</b>	1823	75	---
Magnesium	ppm	<b>13</b>	13	4	---
Zinc	ppm	<b>906</b>	819	38	---
Phosphorus	ppm	<b>831</b>	761	814	---
Barium	ppm	<b>&lt;1</b>	<1	2	---
Boron	ppm	<b>28</b>	24	134	---

## Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO8885  
**Unique No:** 10574656  
**Signed:** Sean Felton  
**Report Date:** 28 Jul 2023



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## VOLVO GRAPHS

